Marine Georesources & Geotechnology

Volume 11, Number 1, 1993

Contents

Preliminary Analysis of Exploration Data from Pacific Deposits of Manganese Nodules
Charles L. Morgan, Jean A. Nichols, Bruce W. Selk, John R. Toth, and Charles Wallin 1

Global Change and Manganese Deposition at the Cenomanian-Turonian Boundary
Gerald R. Dickens and Robert M. Owen 27

Comparative Mineralogy and Geochemistry of Hydrothermal Iron-Rich Crusts from the Pitcairn, Teahitia-Mehetia, and Macdonald Hot Spot Areas of the S.W. Pacific
P. Stoffers, G. P. Glasby, D. Stüben, R. M. Renner, T. G. Pierre, J. Webb, and C. M. Cardile 45

Evidence for the Formation of Different Sized Nodules by Different Accretionary Processes
A. B. Valsangkar and S. M. Karisiddaiah 87

Marine Mineral Resources of the South China Sea
Allen Clark and Chang Li 101

Book Review 127

News and Notes 129

Marine Georesources & Geotechnology

Volume 11, Number 2, 1993

Contents

Memorials ..... *iii*

Geotechnical Characteristics and Instability of Submarine Slope Sediments, the Nice Slope (N-W Mediterranean Sea)
Pierre Cochonat, Jean François Bourillet, Bruno Savoye, and Leonora Dodd 131

An Evaluation of Manganese Nodules and Cobalt-Rich Crusts in South Pacific Exclusive Economic Zones. Part III. Nodules and Crusts in the EEZ of Tuvalu (Ellice Islands)
D. S. Cronan and R. A. Hodkinson 153

Gravel Accumulations in the Southern Baltic—Methods and Results of Exploration
M. Maslowska 175

Nodule Mining—Three Miles Deep!
John L. Shaw 181

Book Review 199

Marine Georesources & Geotechnology

Volume 11, Number 3, 1993

Contents

Geochemistry of Deep-Sea Surface Sediments from the Pacific Manganese Nodule Province Near Clarion Island, Mexico
Leticia Rosales Hoz and Arturo Carranza Edwards 201

Consistency Limits Behavior of Bentonites Exposed to Sea Water
Sudhakar M. Rao, A. Sridharan, and S. Chandrakaran 213

Hydrologic and Sedimentologic Aspects of Mining Aggregate from the Słupsk Bank (Baltic Sea)
L. S. Gajewski and S. Uścinowicz 229

Beneficiation and Digestion of Georgia Offshore Phosphates
John C. Judd and Donna D. Harbuck 245

Hydrogen Fuel Production in the Ocean Using the Energy of "Black Smokers"
Yu. V. Bubis, Z. N. Molochnikov, and Yu. V. Bruyakin 259

Marine Georesources & Geotechnology

Volume 11, Number 4, 1993

Contents

Submersible Observations of Manganese Nodule and Crust Deposits on the Tenpo Seamount, Northwestern Pacific
Akira Usui, Akira Nishimura, and Kokichi Iizasa 263

Manganese Nodule Distribution in Different Topographic Domains of the Central Indian Basin
V. N. Kodagali and M. Sudhakar 293

Quantitative Estimation of Seafloor Features from Photographs and Their Application to Nodule Mining
Rahul Sharma 311

Crescent-Shaped Slab Slides in a Submarine Canyon System, Arequipa Fore-Arc Basin, off Southern Peru
Chang Li 333

Sand Mining in Lower Chesapeake Bay: A Progress Report
Carl H. Hobbs, III 347

Behavior of Soil Plugs in Open-Ended Model Piles Driven into Sands
Kyu-Ho Paik and Seung-Rae Lee 353

Announcements 375

Following page 376:
Title page to Volume 11
Contents of Volume 11
Author index to Volume 11